

EXHIBIT 3

Description of waste streams (residues from production of organophosphate insecticides)

FMC Production Site Ronland, September 2019. Updated November 2019

Dokument 1

6567	MP1-remanens / MP1 residue		
Identification	MP1-remanens / MP1 residue	Stamkort: 6567	
Volume	Per week: Not applicable	Per month: Variable 2-209 MT See separate sheet with 2020 forecast	1048 MT in 2020 (forecast)
Description	Waste stream from production of O,O'-dimethyl dithiophosphate (CAS RN 756-80-9). The material contains a mixture of methyl ester derivatives of dithiophosphoric acid. (Carbon, Hydrogen, Oxygen, Phosphorus, Sulfur)		
	phosphorodithioic acid, O,O-dimethyl ester (MP1)	CAS RN 756-80-9	Approx. 45 - 55%
	Tetramethyl thiodiphosphate (MP-11/2)	CAS RN 5930-73-4	Approx. 15-25%
	O, O-dimethylthiophosphit (MP1-S)	CAS RN 5930-72-3	Approx. 10-20%
	Similar substances	N/A	Approx. 0-15%
	Sulfur and halogen?	Yes, sulfur	Sulfur content: Range: 25-35 Typical: 30
Origin	Production of refined MP1 for production of malathion, dimethoate	P1-refinery	
Properties	Liquid/Solid	Liquid	
	Phase separated (yes/no)	No	
	Strong odor (yes/no)	Yes	
	Dust (yes/no)	No	
	Can be pumped at 15 °C (yes/no)	Yes	
	pH	Acidic	
	Other properties	May form H2S upon storage, reacts with water and forms H2S. Must be stored at temperatures < 40 °C due to risk of cracking Keep out of direct sunlight	
Classification	Classification (GHS) (MP1)	Flam. Liq. 3 (H226) Flammable liquid and vapour	
		Met. Corr. 1 (H290) May be corrosive to metals	
		Acute Tox. 4 (H302) Harmful if swallowed	
		Acute Tox. 4 (H332) Harmful if inhaled	
		Skin Corr. 1B (H314) Causes severe skin burns and eye damage	

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		Repr. 2 (H361f) Suspected of damaging fertility	
		Aquatic Chronic 3 (H412) Harmful to aquatic life with long lasting effects	
	EAK code	07-04-08	
Transport	Packaging	IBC	
	Shipment	By road (truck)	
	Proper shipping name	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (O,O-DIMETHYL PHOSPHORODITHIOIC ACID)	
	Class	8	
	Packaging group	II	
	UN Code	UN 3265	